

8-7-12

## DIVIDING DECIMALS

3 Kinds of Decimal Quotients:

① "Terminating" Decimals

- They end at a specific digit b/c there is no more remainder

② "Repeating" Decimals

- The decimal goes on forever w/ a repeating pattern of digit(s)

\*\* Use      over the repeating digits

③ "Irrational" Numbers

- The decimal digits never end & there's no repeating pattern

## Dividing Decimals by Whole #s

Steps: ① Be sure the divisor is a whole #

whole #  $\rightarrow$      

② Like a bubble, the dec. pt. "floats" up to the quotient

③ Divide like normal

④ \*\* Do not use "R" for remainders. Keep dividing by bringing down zeroes until there's no more remainder or you notice a repeating pattern.